



YGS

Yale Young Global Scholars

2018 Viewbook

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JOIN OUR LEADERSHIP PROGRAM FOR HIGH SCHOOL STUDENTS

YALE YOUNG GLOBAL SCHOLARS (YYGS)

is a highly selective academic leadership program for high school sophomores and juniors from around the world. The program is designed to bring together students with the talent, drive, energy, and ideas to make meaningful impacts as young leaders, even before they begin university studies. The program is open to students, typically between the ages of 15 and 17, who have one or two years of high school to complete after they attend the program.

LEARN MORE ABOUT OUR PROGRAM

STUDENTS WILL ATTEND A TWO-WEEK SESSION

at Yale University or Yale Center Beijing based on their topic of interest. Students in the program will:

- hone their abilities to think critically and flexibly;
- engage productively with a diverse group of peers;
- explore new and exciting ideas;
- meet distinguished scholars and researchers;
- develop key communication skills.

The program is non-credit granting, and students do not receive any grades, marks, or quantitative evaluations of their work.

VIEW OUR ACADEMIC SESSION OFFERINGS

- Applied Science & Engineering (ASE)
- International Affairs & Security (IAS)
- Frontiers of Science & Technology (FST)
- Sustainable Development & Social Entrepreneurship (SDSE)
- Biological & Biomedical Science (BBS)
- Politics, Law, & Economics (PLE)
- Asia in the 21st Century* (ATC)

*ATC will be held at Yale Center Beijing in China. All other sessions will be held at Yale University in New Haven, Connecticut.

YYGS 2017 STATISTICS

12.6% of admitted students will be the first in their families to attend college

48%

of admitted students are international

142

countries represented

52

U.S. states represented (plus U.S. territories)

- | | | |
|------------------------|--------------|---------------------|
| AFGHANISTAN | GRENADA | PHILIPPINES |
| ALBANIA | GUATEMALA | POLAND |
| ALGERIA | HAITI | PORTUGAL |
| ARGENTINA | HONDURAS | QATAR |
| ARMENIA | HONG KONG | ROMANIA |
| AUSTRALIA | S.A.R. | RUSSIA |
| AUSTRIA | HUNGARY | RWANDA |
| AZERBAIJAN | INDIA | SAINT LUCIA |
| BANGLADESH | INDONESIA | SAN MARINO |
| BELARUS | IRAN | SAUDI ARABIA |
| BELGIUM | IRAQ | SERBIA |
| BELIZE | IRELAND | SIERRA LEONE |
| BENIN | ISRAEL | SINGAPORE |
| BOLIVIA | ITALY | SLOVAKIA |
| BOSNIA AND HERZEGOVINA | JAMAICA | SOMALIA |
| BOTSWANA | JAPAN | SOUTH AFRICA |
| BRAZIL | JORDAN | SOUTH KOREA |
| BULGARIA | KAZAKHSTAN | SOUTH SUDAN |
| BURUNDI | KENYA | SPAIN |
| CAMEROON | KOSOVO | SRI LANKA |
| CANADA | KUWAIT | SUDAN |
| CHILE | LATVIA | SWAZILAND |
| CHINA | LEBANON | SWEDEN |
| COLOMBIA | LESOTHO | SWITZERLAND |
| CONGO (KINSHASA) | LIBERIA | SYRIA |
| COSTA RICA | LIBYA | TAIWAN |
| COTE D'IVOIRE | LITHUANIA | TAJIKISTAN |
| CROATIA | MACAU S.A.R. | TANZANIA |
| CUBA | MALAWI | THAILAND |
| CURACAO | MALAYSIA | THE GAMBIA |
| CYPRUS | MALI | TOGO |
| CZECH REPUBLIC | MALTA | TONGA |
| DENMARK | MAURITIUS | TRINIDAD AND TOBAGO |
| DOMINICAN REPUBLIC | MEXICO | TUNISIA |
| ECUADOR | MOLDOVA | TURKEY |
| EGYPT | MONGOLIA | UGANDA |
| EL SALVADOR | MONTENEGRO | UKRAINE |
| ESTONIA | MOROCCO | UAE |
| ETHIOPIA | MYANMAR | UNITED KINGDOM |
| FINLAND | NAMIBIA | UNITED STATES |
| FRANCE | NEPAL | URUGUAY |
| FYROM | NETHERLANDS | UZBEKISTAN |
| GERMANY | NEW ZEALAND | VENEZUELA |
| GHANA | NIGERIA | VIETNAM |
| GREECE | NORWAY | YEMEN |
| | OMAN | ZAMBIA |
| | PAKISTAN | ZIMBABWE |
| | PALESTINE | |
| | PANAMA | |
| | PERU | |

812

total seminars offered during Summer 2017

14

average class size

42

Yale faculty lecturers from a broad range of academic disciplines

4,811

students applied to the YYGS program for Summer 2017

8:1

students are mentored by instructional staff members throughout the program



YYGS NEW HAVEN

A CLOSER LOOK INTO ACADEMICS

YYGS students study in beautiful lecture halls and classrooms, reside in Yale's historic residential colleges, and eat in award-winning dining halls. Students also meet and engage with world-renowned professors, and engage with an exceptional community of students from around the world.

Students are required to complete college-level reading assignments and participate in challenging individual and group projects, including a simulation exercise and Capstone research project. A day in the program usually includes one faculty lecture, seminars led by undergraduate or graduate students, and interactive workshops or classes to develop writing, research, and presentation skills.

With a combination of lectures, breakout sessions, elective seminars, and small group work, the YYGS program emphasizes an open, exploratory, and collaborative approach to learning. The curriculum helps develop analytical thinking, intellectual flexibility, written and oral communication, and teamwork skills.



YYGS NEW HAVEN

EXPAND YOUR YALE NETWORK

Students may have the opportunity to join small group lunches with Yale faculty, instructional staff, YYGS leadership staff, and members of the residential life team to discuss current issues, program lectures, and career options. Participants also engage in “YYGS family time,” where 7-8 students are paired with a mentor from the instructional staff to form a tight-knit network within the larger YYGS community. Many students keep in touch with their mentors and family members long past the program’s conclusion.



ENGAGE IN SOCIAL ACTIVITIES

Students have the opportunity to explore all that Yale has to offer, including but not limited to visiting the Peabody Museum of Natural History, the Payne Whitney gymnasium, and the Yale Art Gallery. At the end of each session, YYGS hosts a talent show featuring student participants. This is a great time for students to showcase their talents and cultural heritage. Additionally YYGS hosts a speaker series where students present on topics of their choice, like “Modern Feminism: Finance Education for Girls” or “Reconstructing and Reimagining the Human Body.”



FRONTIERS OF SCIENCE & TECHNOLOGY

The Frontiers of Science & Technology (FST) session explores innovative developments at the forefront of science and technology. Students examine cutting edge research to better understand underlying scientific principles, consider ethical challenges or limitations in practical applications, and analyze impacts on society. Topics may include artificial intelligence, gene editing, big data, cyber security, and renewable energy.

Students participate in seminars taught by undergraduate and graduate student instructors, such as, “Printing the 3D Kidney: Tissue Engineering of the 21st Century,” Ripples and Holes in Space-Time: Discovery of Gravitational Waves,” and Autonomous Cars: How Does a Machine Learn How to Drive?” Additionally, students engage in lectures led by Yale faculty, such as, “Learning from Nature How to Make Solar Fuels,” by Gary Brudvig, Benjamin Silliman Professor and Chair of Chemistry; Professor of Molecular Biophysics and Biochemistry; and Director of Yale Energy Sciences Institute.

During the YYGS Research Showcase, FST students will also get to hear presentations from invited Yale graduate students and postdoctoral associates on a variety of different research projects. Students will later give preferences for a laboratory that they are interested in visiting during the Science & Engineering tours.

“YYGS makes us reconsider some of our more traditional outlooks, and feeds those small, idealistic voices within us that truly believe in world peace, in humanity’s capacity to compromise.

- Hanci, United States

2016 YYGS ALUMNUS

APPLIED SCIENCE & ENGINEERING

The Applied Science & Engineering (ASE) session is designed for students who are interested in learning about the physical sciences and applying scientific principles to real-world applications. Students examine disciplines such as physics, chemistry, astronomy, and earth science, and they explore interdisciplinary applications ranging from the nanoscopic to the astronomical in scale.

Students participate in seminars taught by undergraduate and graduate student instructors, such as, “Biomimetics: Has Mother Nature Solved All of Our Problems,” “Say What? Physics of the Human Voice,” and “Gamma Knife Technology: New Age Surgical Techniques.” Additionally, students engage in lectures led by Yale faculty, such as, “Chemical Complexity In Unconventional Oil and Gas Extraction: Are We Beholden to Carbon and How We Can Use It Better?” by Desiree Plata, Assistant Professor of Chemical and Environmental Engineering; Associate Director for Research, Center for Green Chemistry and Green Engineering at Yale.

During the YYGS Research Showcase, ASE students will also get to hear presentations from invited Yale graduate students and postdoctoral associates on a variety of different research projects. Students will later give preferences for a laboratory that they are interested in visiting during the Science & Engineering tours.

“YYGS left a myriad of positive memories and new knowledge in my mind. YYGS helped me realize that dreams do come true, even if everyone around thinks it is impossible.

- Arina, Russia

2016 YYGS ALUMNA





BIOLOGICAL & BIOMEDICAL SCIENCE

The Biological & Biomedical Science (BBS) session is designed for students who are fascinated by the life sciences, from the molecular level of protein interactions to the interdependence of life in different ecosystems. Students explore interdisciplinary scientific fields such as immunology, biochemistry, neuroscience, biomedical engineering, and molecular biology. This session also challenges students to think critically about practical applications within the biological sciences that are designed to help improve our way of life.

Students participate in seminars taught by undergraduate and graduate student instructors, such as, “Genetically Modified Earth: Does All-Natural Still Exist,” “Antibiotic Resistance: The War on Bugs!” and “More Isn’t Always a Blessing: Eutrophication and the Importance of Keeping Our Waters Clean.” Additionally, students engage in lectures led by Yale faculty, such as, “Listening Is Not Hearing: A Review of the Honan/Duffy Musical Intervention to Improve Stethoscope Auscultation Skills,” by Thomas Duffy, Professor of Music; Clinical Professor at the School of Nursing at Yale.

During the YYGS Research Showcase, BBS students will also get to hear presentations from invited Yale graduate students and postdoctoral associates on a variety of different research projects. Students will later give preferences for a laboratory that they are interested in visiting during the Science & Engineering tours.

“ I have obtained valuable experiences from lectures and seminars, I have met many nice friends, and I have mastered lots of practical skills from my capstone project and simulation. Most important is that I have entered a new world where I have realized that I should try my best to keep going--keep learning to achieve my dream.

- Xue, China

2016 YYGS ALUMNA

SUSTAINABLE DEVELOPMENT & SOCIAL ENTREPRENEURSHIP

The Sustainable Development & Social Entrepreneurship (SDSE) session is designed for students who are interested in exploring innovative solutions to the greatest challenges facing the international community today. Students are immersed in the interdisciplinary study and active problem solving of issues identified in the United Nations' Sustainable Development Goals. Students also develop the practical and adaptive tools of an entrepreneur to address contemporary social, economic, and environmental problems.

Students participate in seminars taught by undergraduate and graduate student instructors, such as, "Subjectivity in Science? Crafting Environmental Policy When You Have Conflicting Data, Evidence, and Stakeholders," "A Seat at the Table: Understanding Systems of Power in Sustainable Development," and "Beyond Countries and Communities: Global Health and Well-Being." Additionally, students engage in lectures led by Yale faculty, such as "Against Empathy," by Paul Bloom, Brooks and Suzanne Ragen Professor of Psychology and Cognitive Science at Yale.

“ My time at YYGS was one of the most illuminating experiences of my life. It has helped me evolve my perspective as a young student and inspired me to work harder in all my undertakings.

- *Akriti, India*
2016 YYGS ALUMNUS



INTERNATIONAL AFFAIRS & SECURITY

The International Affairs & Security (IAS) session is designed for students interested in international relations and security studies to develop the skills needed to engage with an increasingly interconnected world. The session will focus on topics as wide-ranging as cyber security, nuclear proliferation, global environmental disasters, international terrorism, and global peacekeeping. Students are challenged to think strategically about these complex international dilemmas, draw from a wide range of contemporary and historical issues, deliberate various political approaches, and gain broader insight into global affairs and international relations.

Students participate in seminars taught by undergraduate and graduate student instructors, such as, “Human Rights for Whom: The ‘Minority Rights’ Clause in the Universal Declaration of Human Rights,” “Is It a Bird? Is it a Plane? No, It’s a Drone!” and “Refugee Crises as Humanitarian Emergencies.” Additionally, students engage in lectures led by Yale faculty, such as, “Electronic Surveillance and Privacy,” taught by Renuka Rangappa, Associate Dean of Yale Law School and lecturer at the Jackson Institute for Global Affairs at Yale.

“ I’m now a multicolored butterfly.
My different colours represent all
the different things I have learned,
the worldwide connections I have made,
and how more open-minded I have become.
I have become a true global scholar.

- *Celine, Nigeria*

2015 YYGS ALUMNA





POLITICS, LAW, & ECONOMICS

The Politics, Law & Economics (PLE) session is aimed at students with an interest in understanding economic theory, the values and practices of government, and legal frameworks in historical and comparative perspectives. Students learn key ideas in topics such as public policy, human rights, market regulation, governance structures, and international law. The session enables students to examine social systems and present day issues through the lenses of economic, legal, and political theory.

Students participate in seminars taught by undergraduate and graduate student instructors, such as, “Policy Workshop: Understanding and Tackling Gender Disparities in the Workforce,” “Privilege, Inequality and the Right,” and “Law’s Use of Facts in a ‘Post-Factual’ World.” Additionally, students engage in lectures led by Yale faculty, such as, “Paris Climate Agreement: From Breakdown to Breakthrough,” taught by Daniel Etsy, Hillhouse Professor of Environmental Law and Policy at Yale School of Forestry and Environmental Studies, and Clinical Professor of Environmental Law and Policy at Yale Law School.

“ You did not only send me to
Yale University for a global
experience; you commissioned
me to be strong to serve others.
I was in tears after the program
thinking about the everlasting
marks that YYGS made in me.

- Tito, South Sudan

2014 YYGS ALUMNUS

ASIA IN THE 21ST CENTURY

The Asia in the 21st Century (ATC) session aims to facilitate a deeper understanding of the Asian region through an exploration of contemporary topics. Students will examine the cultures, histories, politics, and economics of a wide range of Asian countries and analyze their influence on development at a national and international level.

Students participate in seminars taught by undergraduate and graduate student instructors, such as, “Do Opposites Attract? Economic Codependency Between China and the United States,” “Unshackling International Cooperation: Prisoner’s Dilemma in Real Life,” and “Blood Bananas, Tax Tricks, and Political Power: Global Firms, Multinational Corporations, and Corruption in International Business.” Additionally, students engage in lectures by field experts and career professionals, such as Shi Yan, Executive Director of Shared Harvest (Beijing) Ecological Agriculture Service Ltd and 2016 World Economic Forum Young Global Leader.

“ I became more open to the world, aware of the challenges my peers face in their countries, but also that we can easily come together to make change and help build a stronger international community.

- *Edoardo, Italy*

2016 YYGS-BEIJING ALUMNUS





YALE YOUNG AFRICAN SCHOLARS

The Yale Young African Scholars Program (YYAS) is a high-intensity academic and leadership program designed for African secondary school students who have the talent, drive, energy, and ideas to make meaningful impacts as young leaders, even before they begin their university studies.

YYAS brings together students from across Africa in this 10-day, residential program that introduces them to their wide range of opportunities for tertiary study, as well as to the requirements and processes for applying for university admission and financial aid. Participation in YYAS is free for all admitted students and travel grants may be awarded to qualified candidates.





JOIN THE YYGS ALUMNI NETWORK

YYGS alumni attend some of the most elite colleges and universities in the United States and abroad, but they never forget their YYGS roots. Program participants form a strong alumni network of over 5,400 like-minded young adults, and they continue to keep in touch long after the program ends. YYGS routinely features alumni accomplishments and initiatives on our monthly alumni newsletter and social media channels.



BECOME AN ALUMNI AMBASSADOR

Program alumni often become YYGS Alumni Ambassadors. By employing some creativity and sharing information about the YYGS program, alumni ambassadors have the opportunity to be featured on our website and receive an exclusive, newly designed ambassador t-shirt. Alumni Ambassadors can also add this role to their resume and activity list. We truly appreciate the time and energy our alumni put into helping YYGS become a more global program, and we make a continued effort to keep our alumni abreast of new leadership opportunities after the program ends.

globalscholars.yale.edu/YYGS-alumni-ambassadors

YYGS PARTNERS & COLLABORATORS

The Yale Young Global Scholars Program has financial partnerships with organizations dedicated to promoting and supporting educational access. If you are interested in becoming a YYGS Partner, please email global.scholars@yale.edu with the subject line “Partner.”



A BETTER CHANCE



Minds Matter

JACK KENT COOKE
FOUNDATION



QUESTBRIDGE



YYGS also has relationships with a number of collaborators who share information about YYGS through their networks. We would like to thank EducationUSA, American Leadership Academy, Teach for America, and many others for their efforts.

YYGS 2017 FINANCIAL AID

\$46,000

was awarded to students
for travel scholarships

1/3

of admitted students
received financial aid in
2017

\$2.0M

estimated YYGS
financial aid budget

146

admitted students received
full tuition discounts

93%

of financial aid applicants were
awarded a tuition discount

\$1,000

discount for all commuter
students

APPLYING FOR FINANCIAL AID

YYGS is committed to increasing education access for high achieving students from all backgrounds. We provide need-based financial aid (up to \$6,000 USD, 100% of tuition) which we offer as tuition discounts. Tuition includes the cost of housing, meals, program fees, and optional health insurance. Financial aid does NOT cover the cost of travel expenses.

YYGS offers partial and full financial aid to students with demonstrated financial need. The application for need-based financial aid is included on the YYGS online application and must be completed by the 2018 application deadline. It is recommended that parents or guardians of applicants help students complete the required financial information.

In all cases, students must report annual family income for the past three years, as well as the number of individuals in the household, and additional information relating to the family's financial status. A statement explaining why the student is applying for need-based financial assistance is also required. Please visit the Scholarships/Financial Aid webpage for more information regarding the financial aid process.

globalscholars.yale.edu/scholarships



ELIGIBILITY REQUIREMENTS

Admission to the YYGS program is very selective. Applicants should demonstrate high academic achievement and leadership potential in addition to strong interest in YYGS session content. Applicants should be willing and able to work openly and effectively with peers. We review all applications holistically, and there are no minimum GPA or test score requirements.

BEFORE YOU APPLY...

#1 - Are you a current high school sophomore (US grade 10) or junior (US grade 11)? The program is open to students, typically between the ages of 15 and 17, who have one or two years of high school to complete after they attend the program.

#2 - Are you an international or domestic student? We accept applications from all countries, but admitted international students will need a valid passport and, if necessary, a visa to travel to the United States.

#3 - Are you a strong English speaker? A high level of English fluency is required to participate in the program. Visit Open Yale Courses to watch a pre-recorded Yale lecture and observe the English level required to participate in the classroom: oyc.yale.edu.

APPLICATION INFORMATION

APPLICATION FEE: \$60

YYGS will waive the application fee in cases of significant financial burden.

PROGRAM TUITION: \$6,000

Tuition includes housing, meals, program fees, and optional health insurance.

NEED-BASED FINANCIAL AID:

Need-based financial aid is available to domestic and international students and may cover up to 100% of tuition costs. Financial aid packages are based on annual family income and other financial resource information as requested in the Need-Based Financial Aid section of the online application.

APPLY ONLINE: www.globalscholars.yale.edu

- ☐ \$60 application fee (or fee waiver form)
- ☐ One 500-word essay
- ☐ Two short responses
- ☐ Two letters of recommendation
- ☐ Official school transcript
- ☐ Resume

The above items are required for submission. Only complete applications will be reviewed.

CONTACT US

globalscholars.yale.edu/contact-us

